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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Lizy K. John et al.

BRANCH PREDICTION APPARATUS, SYSTEMS, AND METHODS

Docket No.:   888.013US1
Filed: April 12, 2004
Examiner: Unknown

Serial No.: 10/822553
Due Date: N/A
Group Art Unit: Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

X   A return postcard.
X   An Information Disclosure Statement (2 pgs.), Form 1449 (1 pg.), and copies of 2 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
Customer Number 21186

By: _Mark V. Muller_
Atty: Mark V. Muller
Reg. No. 37,509

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20th day of May, 2004.

Judith L. Dent
Name

Judith Dent
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
(GENERAL)

S/N 10/822553   **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lizy K. John et al.   Examiner: Unknown
Serial No.: 10/822553   Group Art Unit: Unknown
Filed: April 12, 2004   Docket: 888.013US1
Title: BRANCH PREDICTION APPARATUS, SYSTEMS, AND METHODS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

The present application is either a U.S. national patent application filed after June 30, 2003 or an international application that entered the national stage under 35 U.S.C. § 371 after June 30, 2003. Thus, Applicant believes that the U.S. Patent & Trademark Office has waived the requirement under 37 C.F.R. 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication. The waiver is provided in a pre-OG notice from the U.S. Patent & Trademark Office entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003" and dated July 11, 2003. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

LIZY K. JOHN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(210) 308-5677

Date May 19, 2004   By _____
                                 Mark V. Muller
                                 Reg. No. 37,509

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use as many sheets as necessary)

Complete if Known	
Application Number	10/822553
Filing Date	April 12 2004
First Named Inventor	John Lizy
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 1

Attorney Docket No: 888.013US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No [1]	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate) title of the item (book magazine journal serial symposium catalog etc.) date page(s) volume-issue number(s) publisher city and/or country where published.	T²
		LI,T. et al. "Modeling and Evaluation of Control Flow Prediction Schemes Using Complete System Simulation and Java Workloads", Dept. of Electrical and Computer Engineering, the University of Texas at Austin, 10 pages	
		LI, T. et al. "Understanding and Improving Operating System Effects in Control Flow Prediction", Dept. of Electrical and Computer Engineering, the University of Texas at Austin (2002), 13 pages	

EXAMINER	DATE CONSIDERED